



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Tuesday, February 19, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Snow/travel impacts continue for NM.**
- **Wintry mix may cause travel impacts across OK, NW AR, and NW TX into W Central TX.**
- **Heavy rain/flash flooding likely for S& E AR into extreme N LA and possible across much of the rest of AR and LA and into the Arklatex.**
- **Isolated severe storms possible for LA, S AR, and NE TX.**

Wednesday

- **Isolated severe storms/flash flooding possible for SE LA**

Thursday

- **Heavy rain/flash flooding possible for S&E AR and N LA.**

Friday

- **No significant weather impacts.**

Saturday

- **Severe thunderstorms possible across AR, E OK, NE TX, and Northern/Central LA.**

River Flooding

- **Moderate flooding continues along the MS River in AR. Osceola (NE AR) expected to reach major flood by Wednesday.**
 - **Some evacuations may be needed once it reaches major flood.**
- **Cache and White Rivers in NE AR at moderate flood stage.**
 - **Cache River at Patterson is expected to slightly rise again and reach major flood stage by late week, with some state highways flooding.**

FEMA Region 6 Threat Matrix

Feb 19, 2019 – Feb 23, 2019



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms	LA, SAR, ETX	SE LA			AR, E OK, NETX, North & Central LA
Heavy Rain / Flash Flooding	S&E AR, N LA	SE LA	S&E AR, N LA		
	AR, LA, Arklatex				
Winter Weather	NM, OK, NW AR, NW TX into W-Central TX				
Fire Weather					
River Flooding	NE AR	NE AR	NE AR, N LA	NE AR, N LA	NE AR, N LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

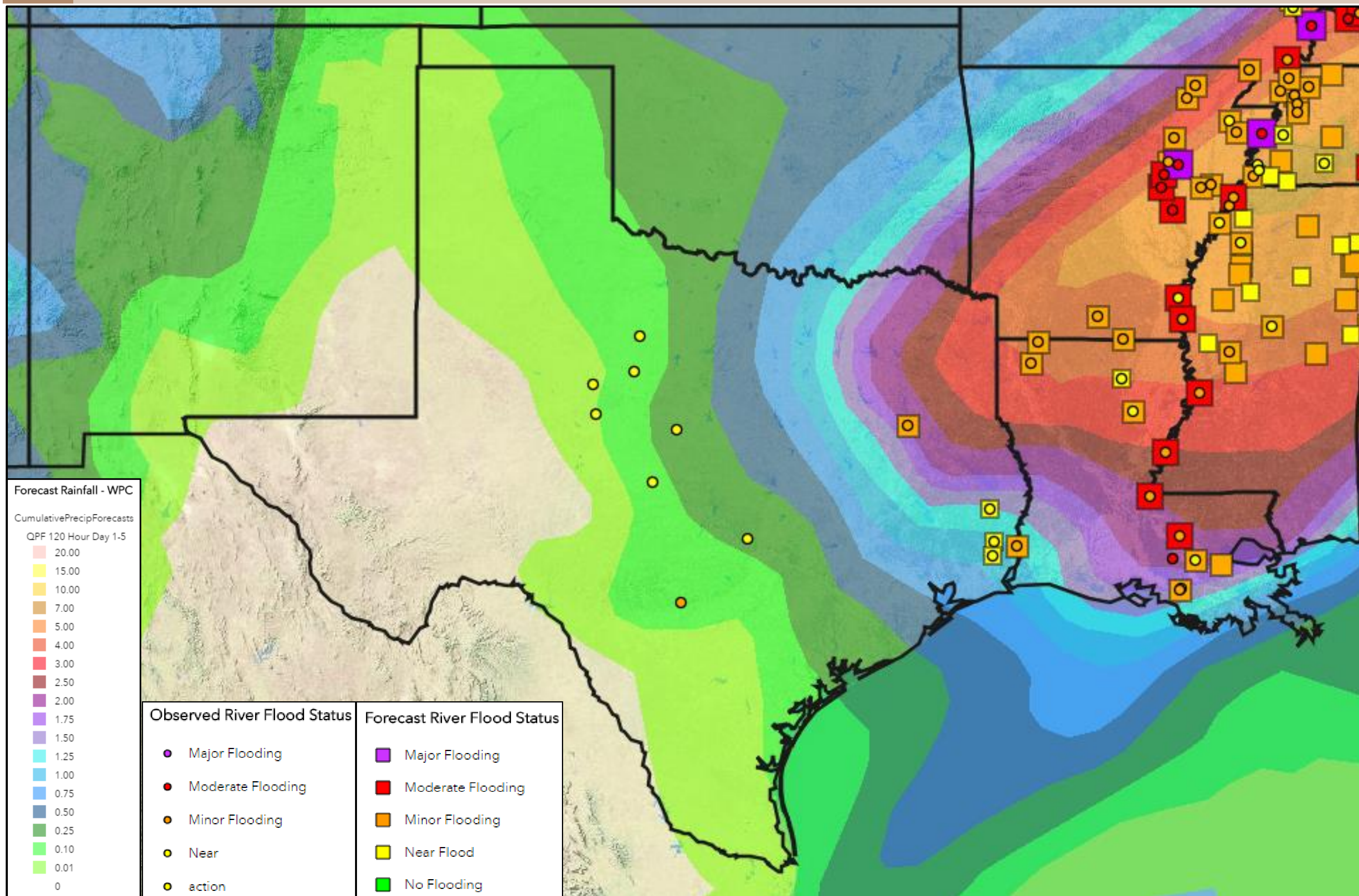
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate flooding continues along the MS River in AR. Osceola (NE AR) expected to reach major flood by Wednesday.

Some evacuations may be needed once it reaches major flood.

Cache and White Rivers in NE AR at moderate flood stage.

Cache River at Patterson is expected to slightly rise again and reach major flood stage by late week, with some state highways flooding.

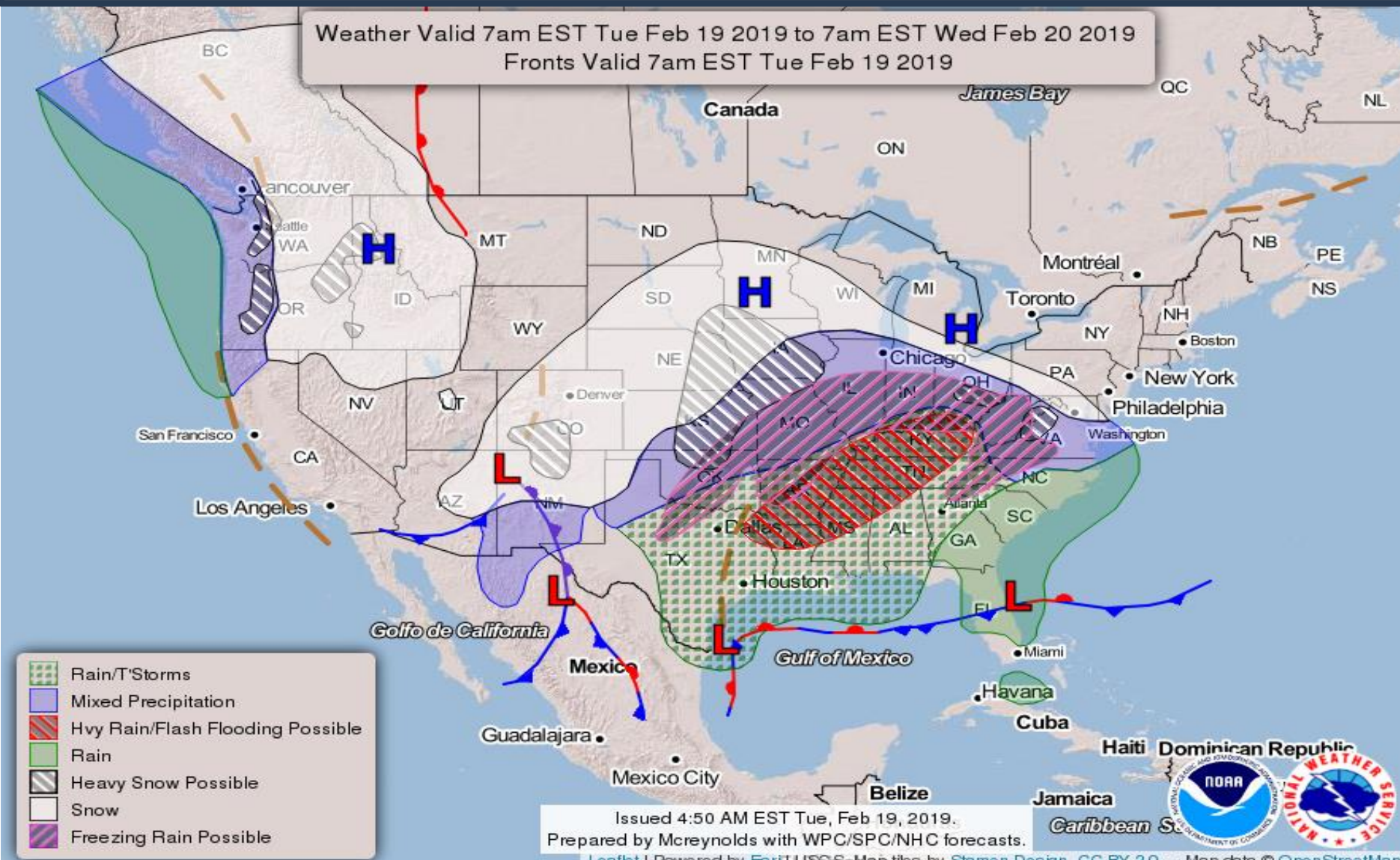
Today's Weather



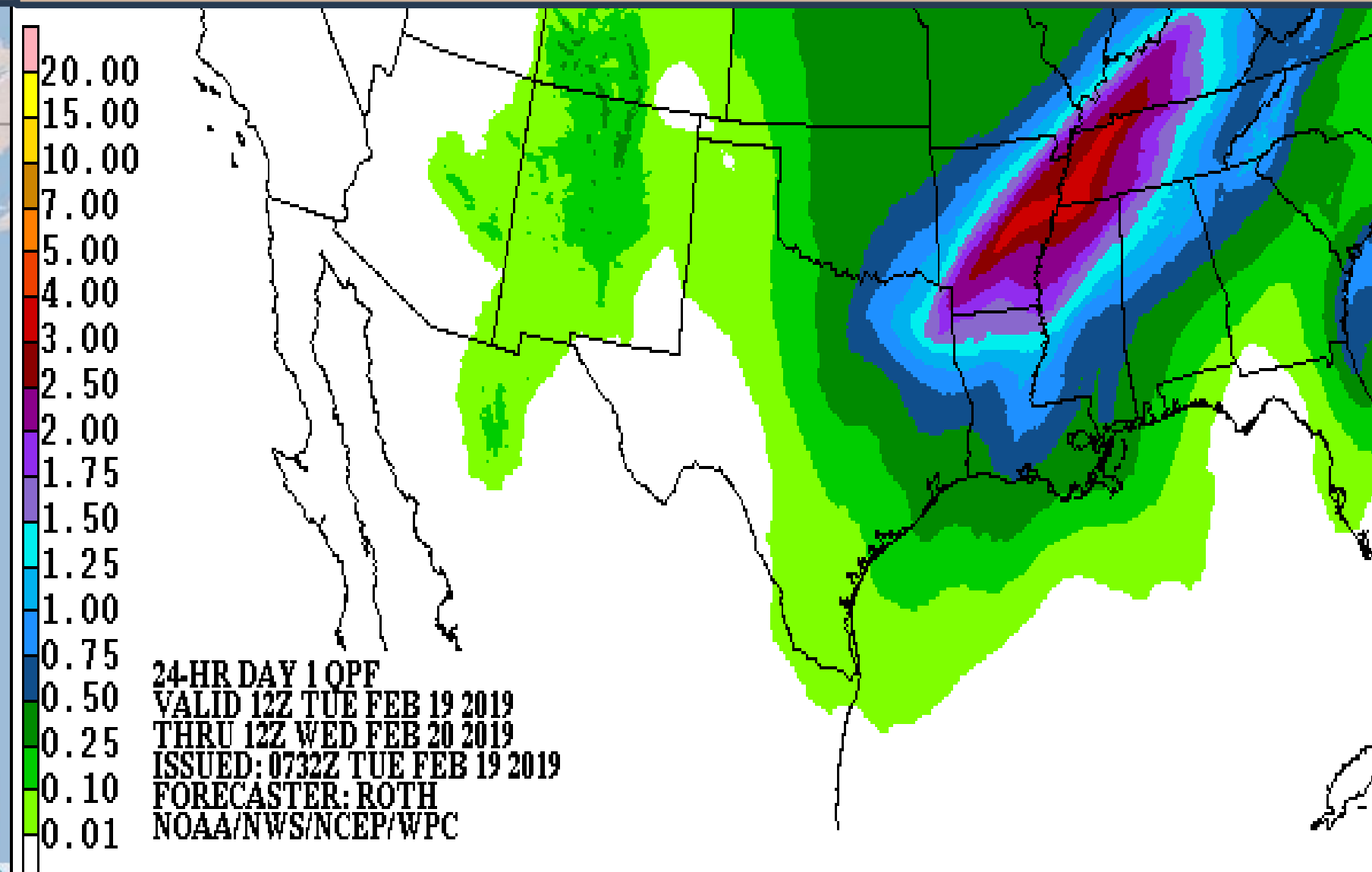
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Forecast Chart



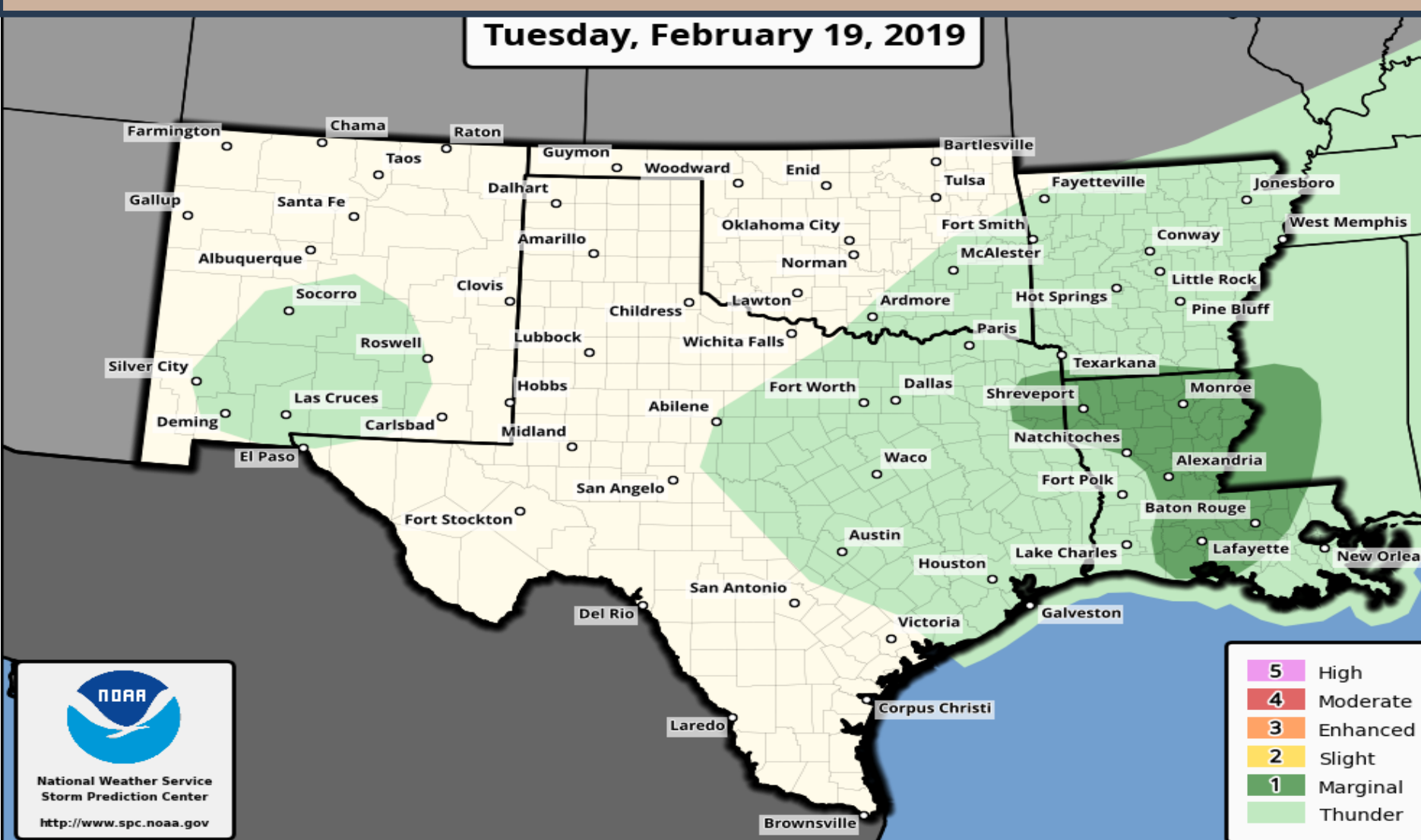
Forecast Rainfall



Snow/travel impacts continue for NM and wintry mix with possible travel impacts across OK, NW AR, and NW TX into West-Central TX.

**Heavy rain/flash flooding
likely for S&E AR and
extreme northern LA and
possible for much of the rest
of AR and LA and into the
Arklatex.**

Severe Weather Outlook



Excessive Rainfall Outlook

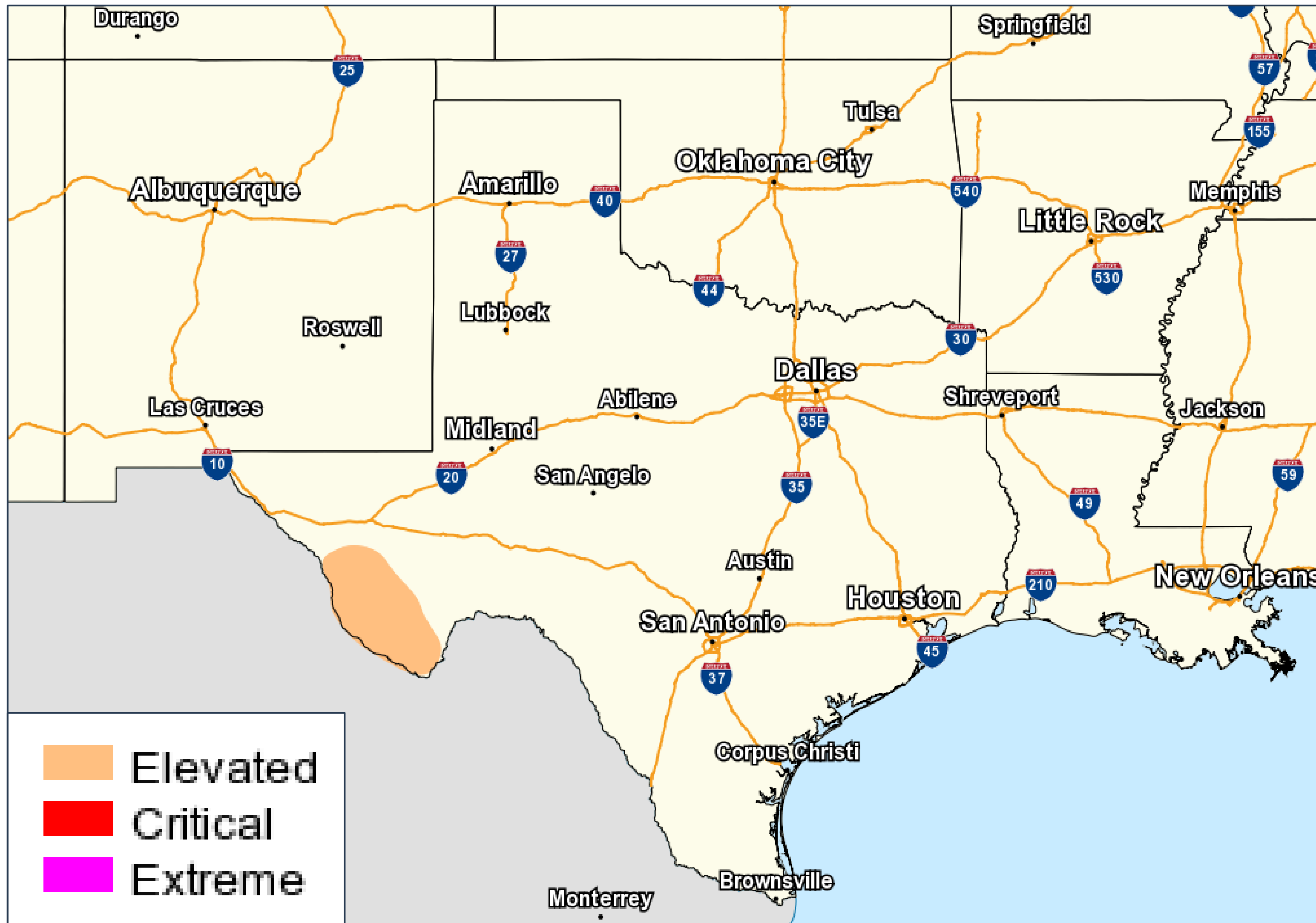


A couple of strong storms with marginally severe hail are possible from NETX into N LA today. A marginal risk for mainly a couple of strong wind gusts, marginally severe hail, and a brief tornado is expected to evolve later tonight from LA into a portion of MS.

Today's Fire Weather Outlook



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Elevated fire weather conditions for the Big Bend of TX.

Watches, Warnings, and Advisories



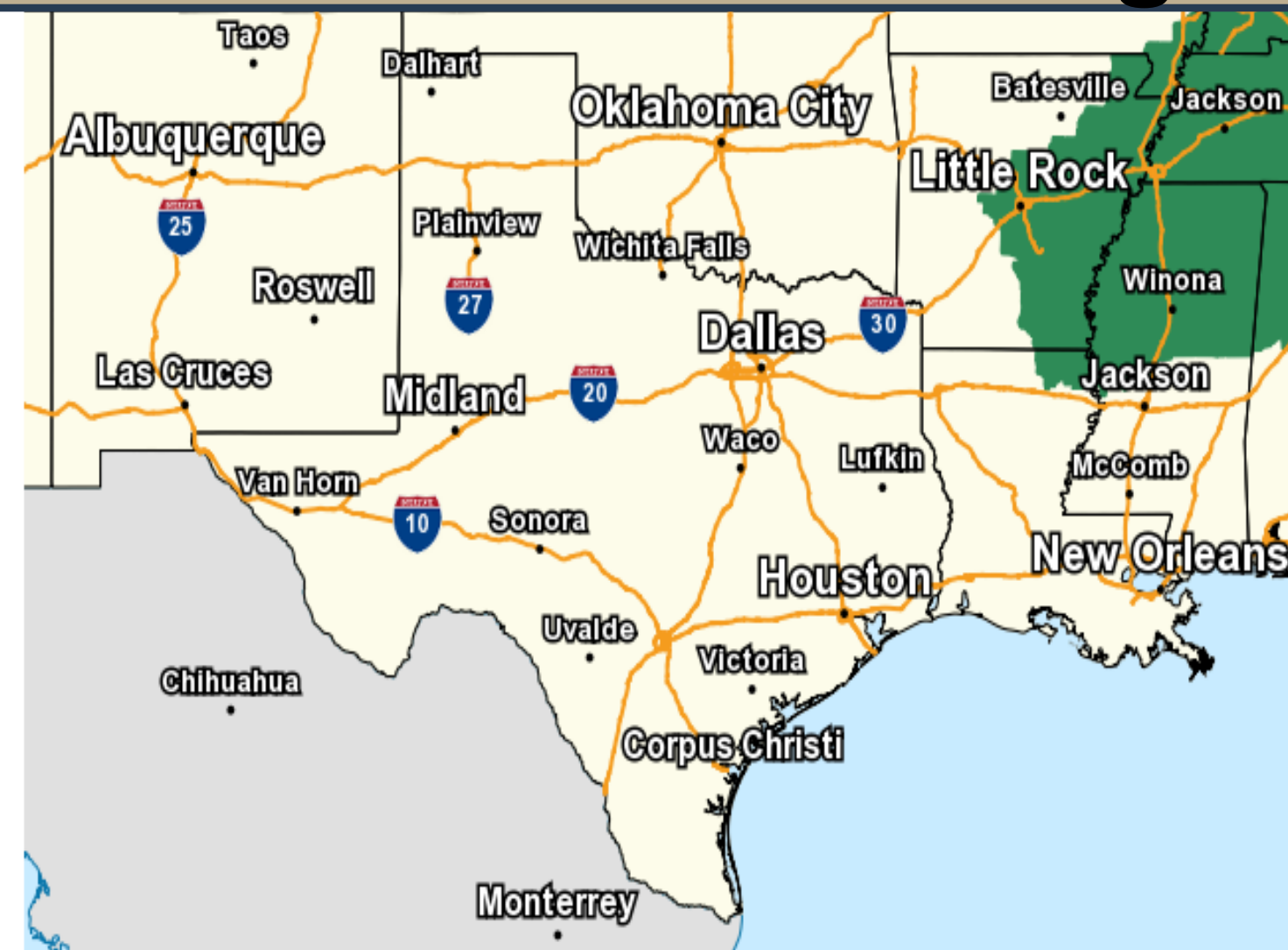
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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Winter Storm Warnings and Winter Weather Advisories in effect across NM, OK, NW AR, and NW TX into west-central TX.

Hazardous travel impacts are likely today across the warning areas and possible across the advisory areas.

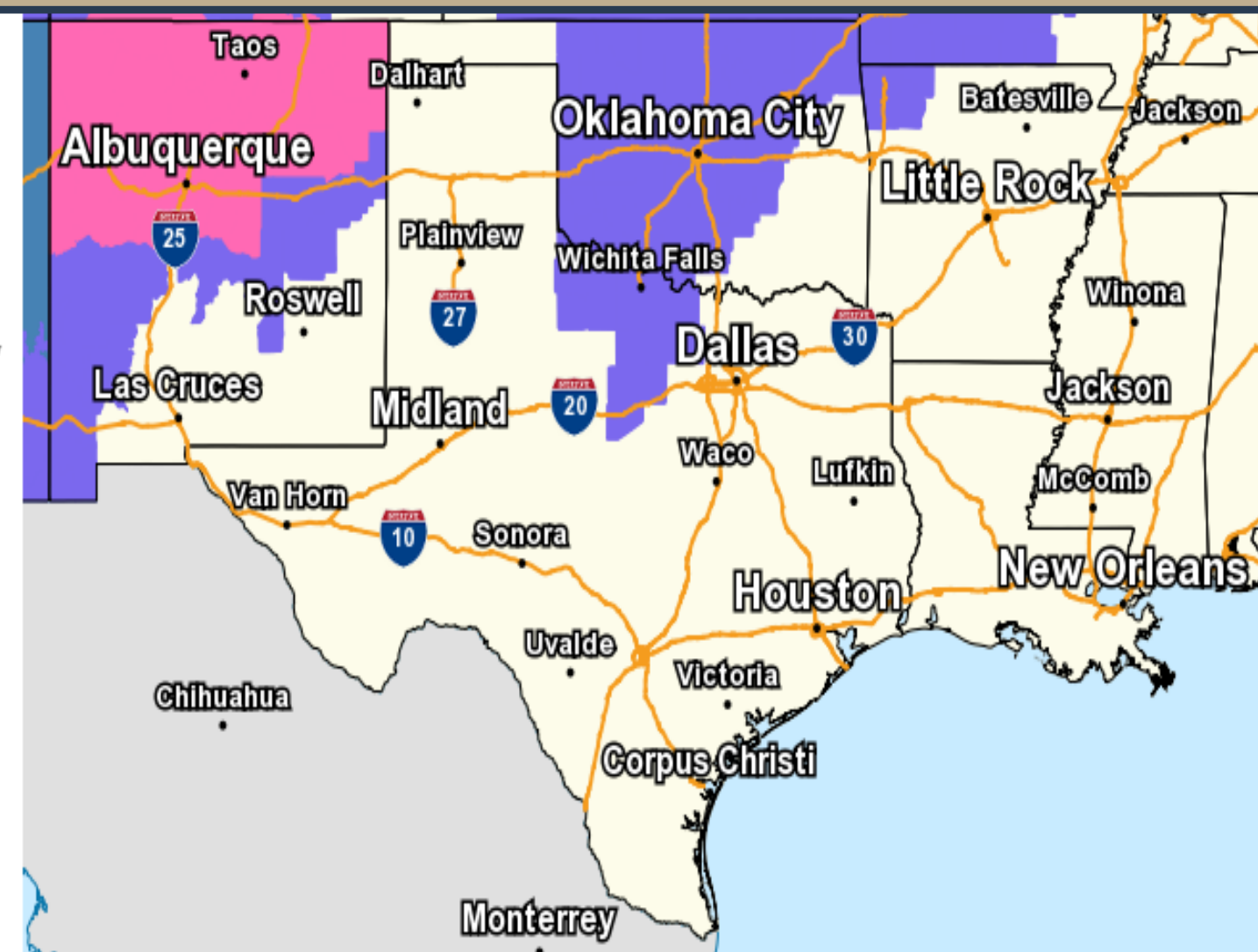
Flash Flood Watches in effect across central and eastern AR into northeast LA. Areas of heavy rain/flash flooding are likely today and into tomorrow.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

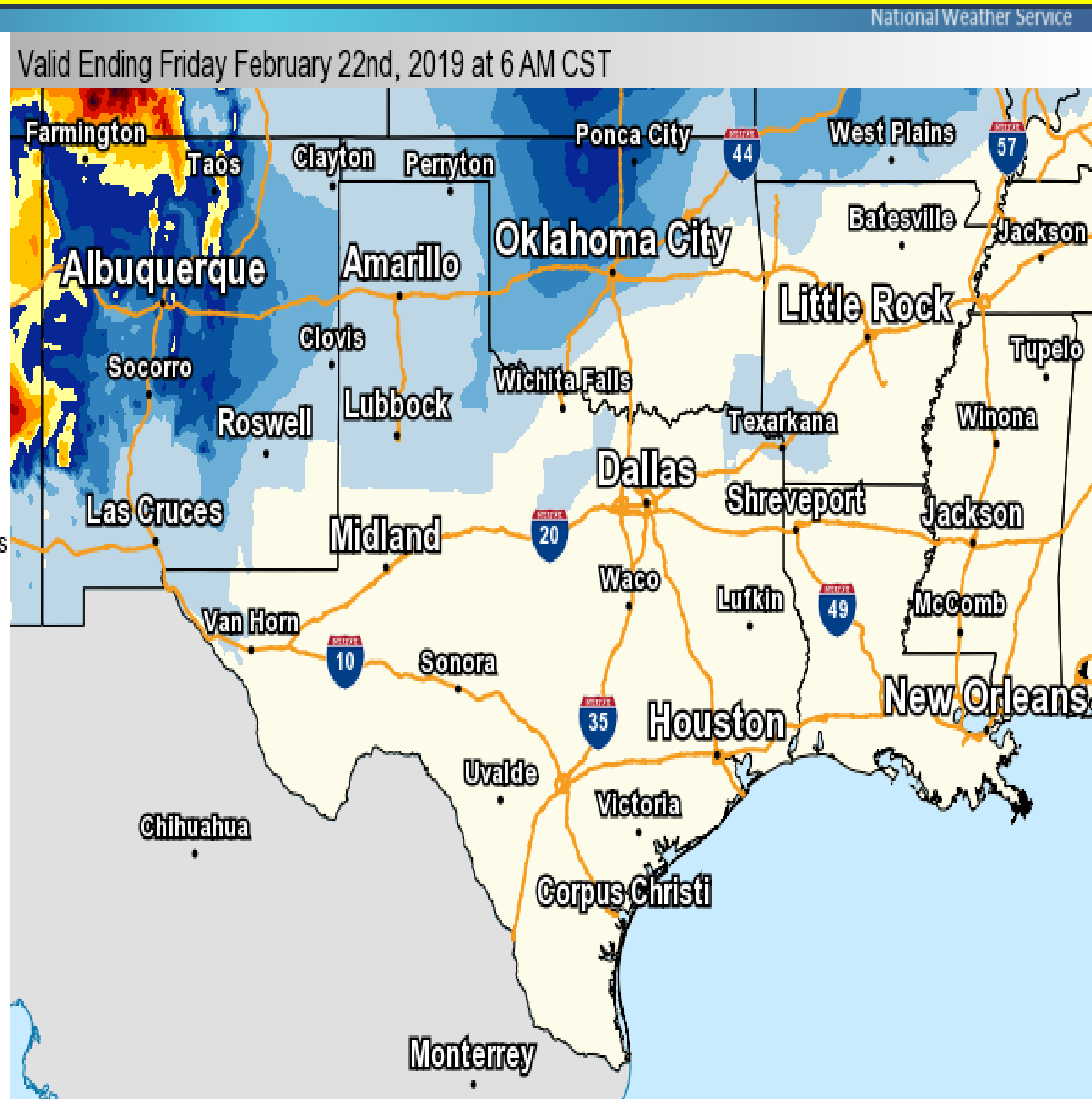
Winter Weather

Note: Snow and Ice Accumulations Days 1 through 3

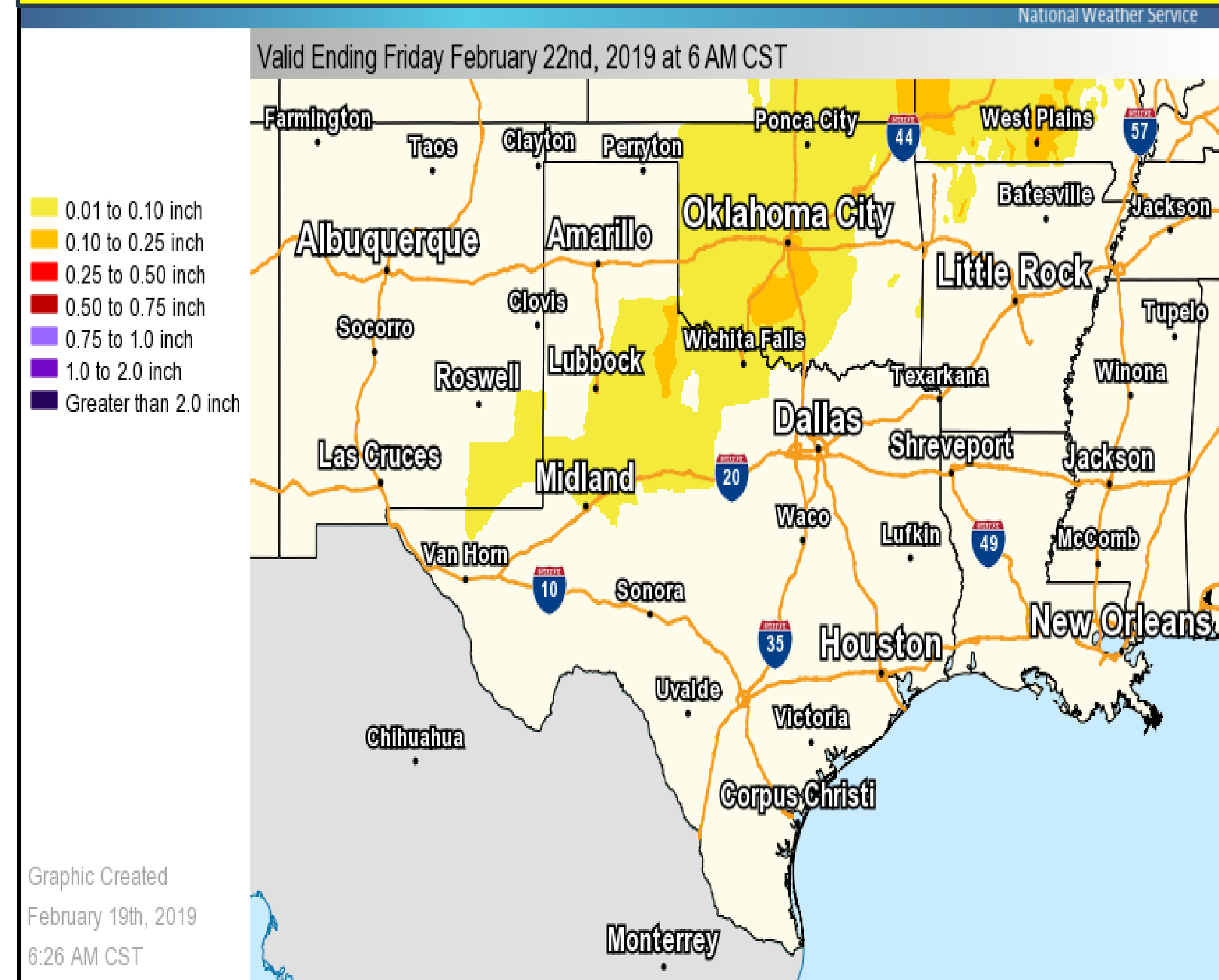


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Forecast Snowfall Amounts



Forecast Ice Amounts



Tomorrow's Weather

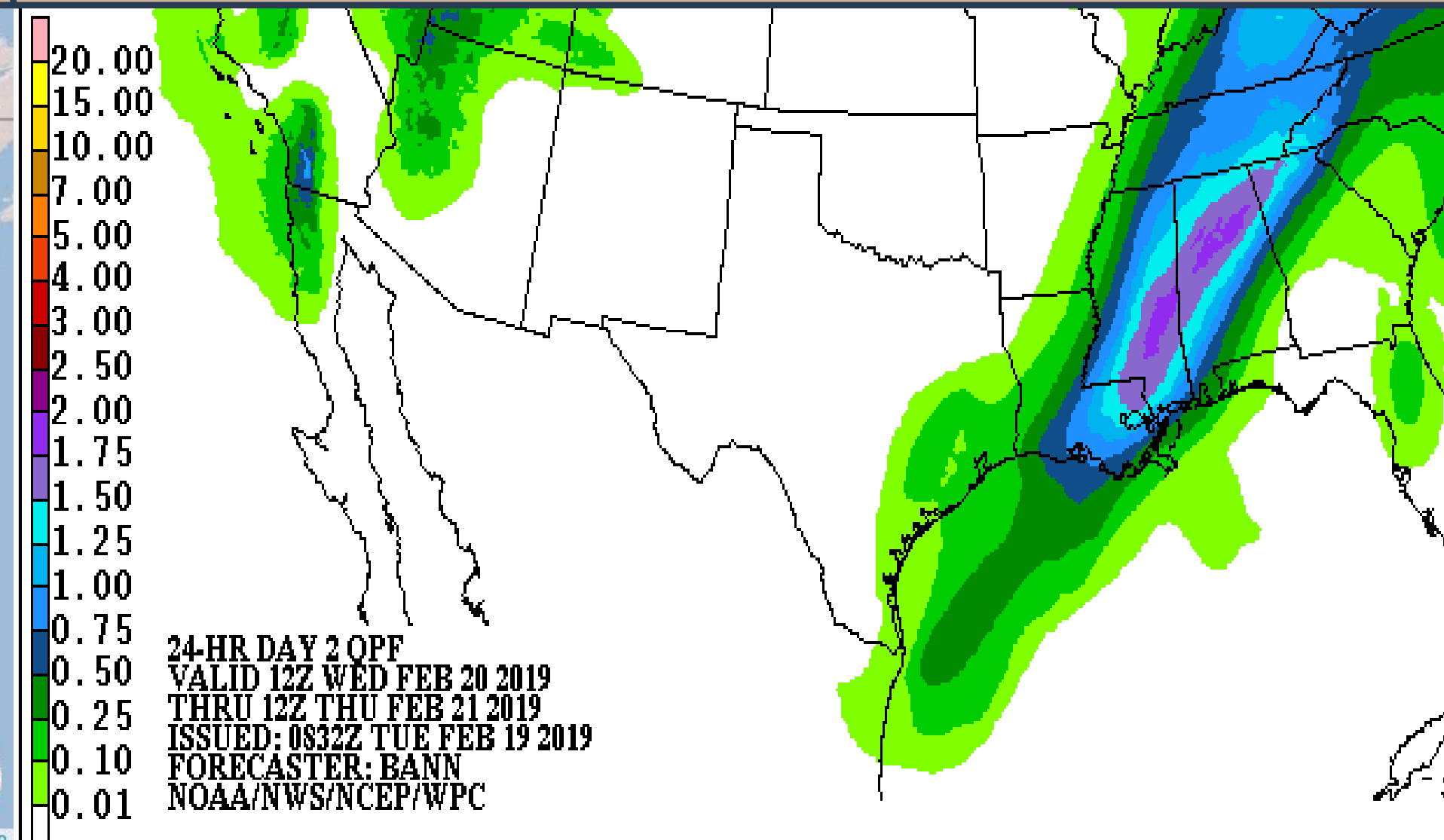
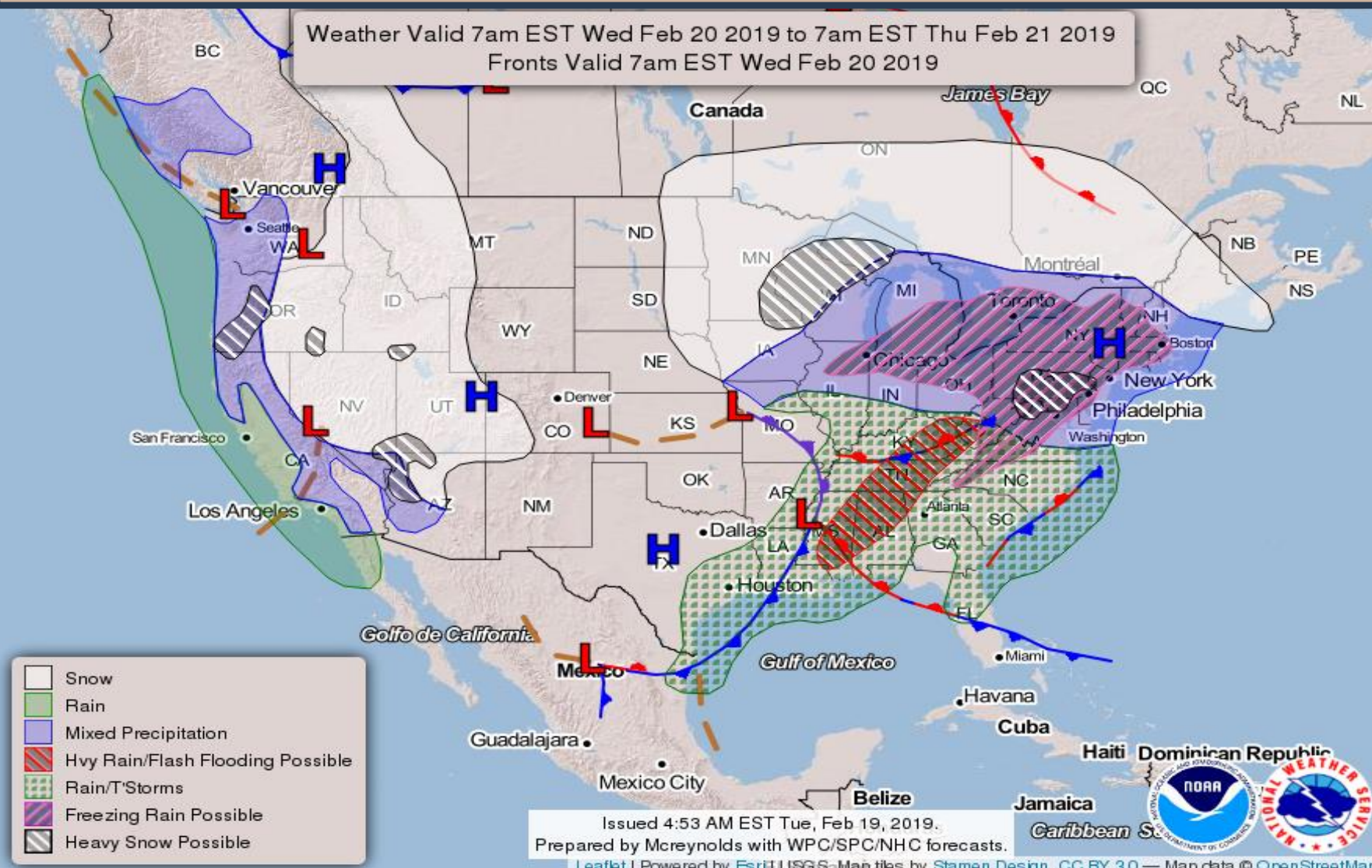


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Forecast Chart

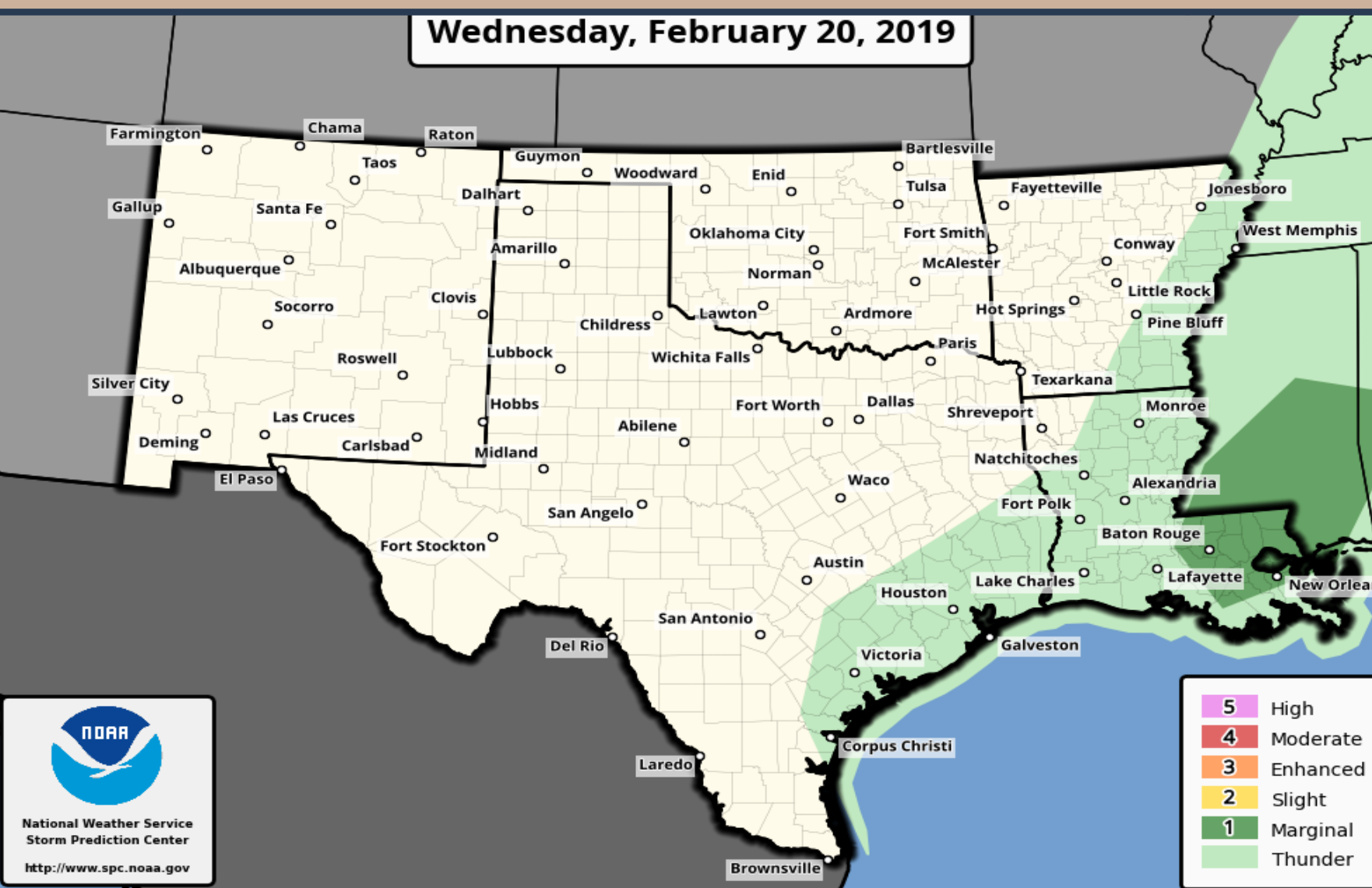
Forecast Rainfall

Isolated severe storms/flash flooding possible for SE LA.



Severe Weather Outlook

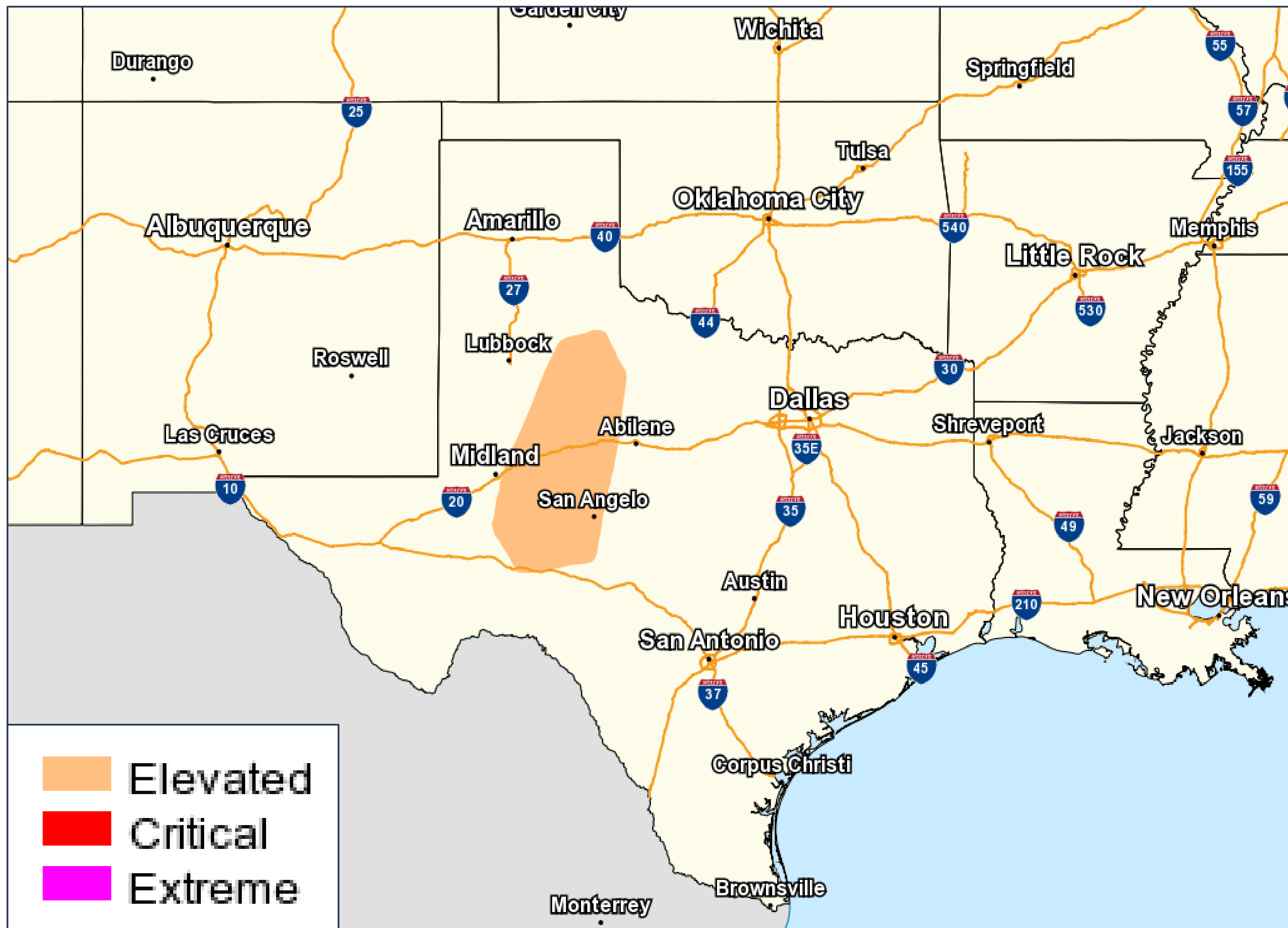
Excessive Rainfall Outlook



Tomorrow's Fire Weather Outlook



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Elevated fire weather conditions for portions of WTX.

Thursday's Weather

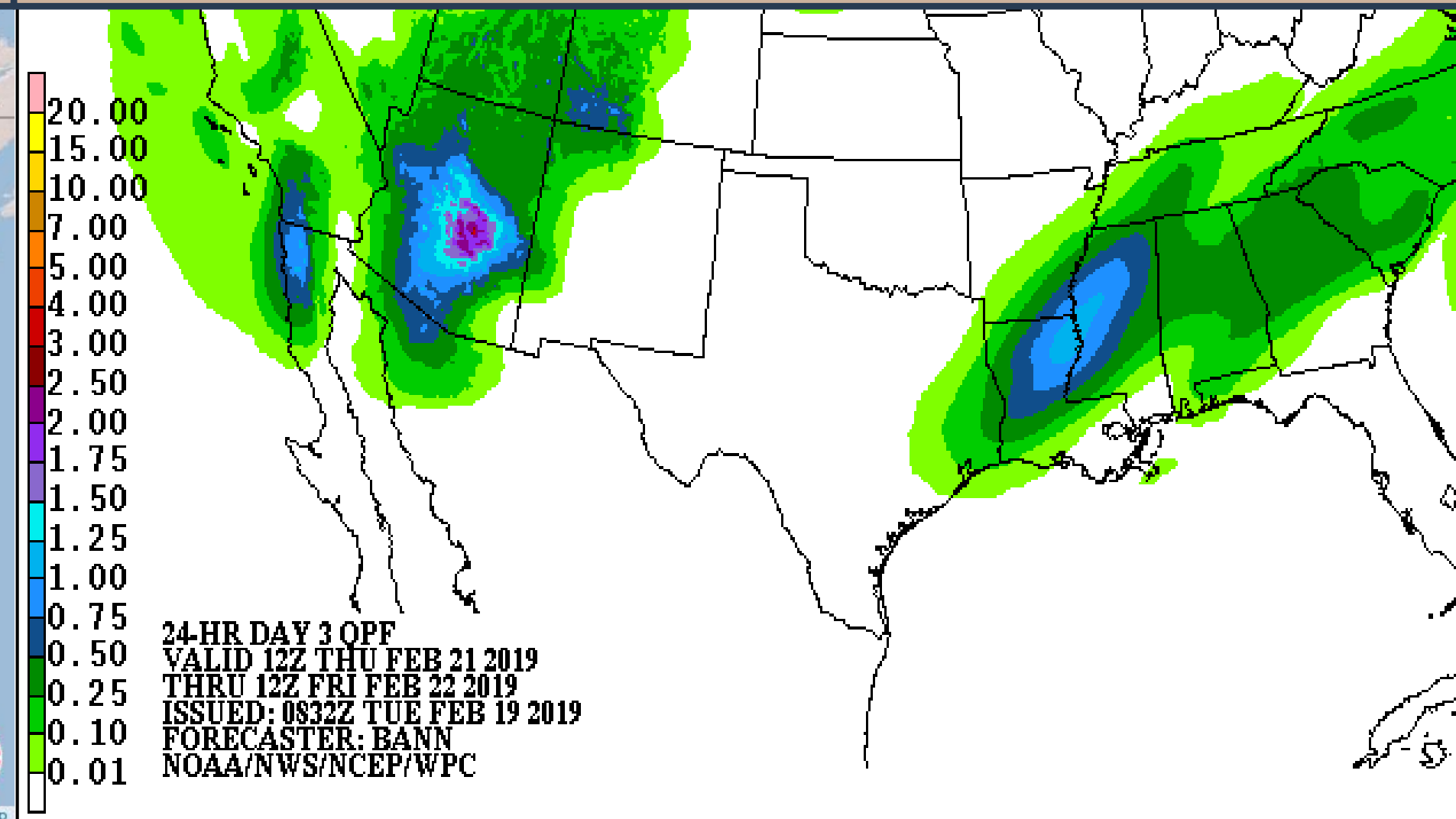
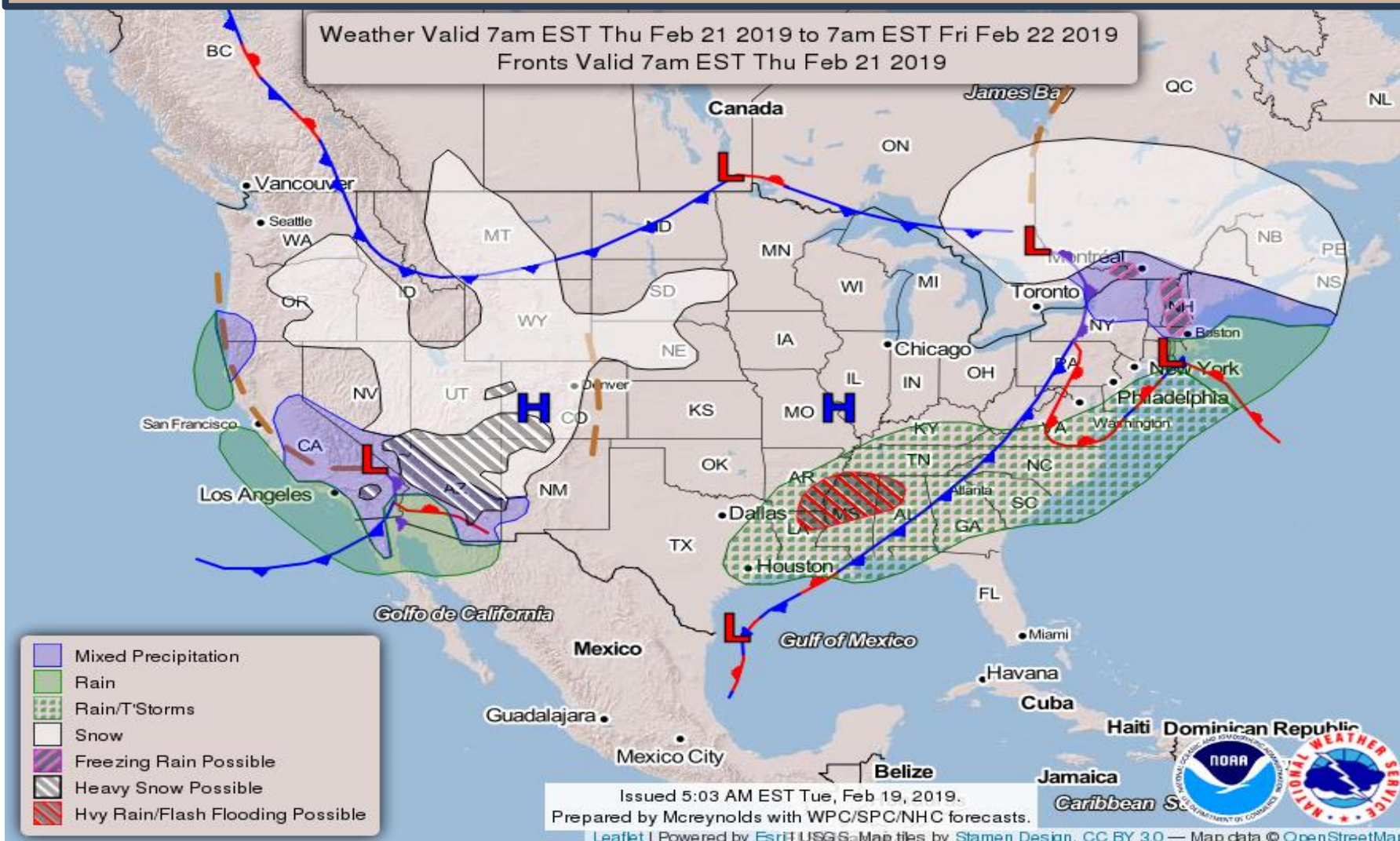


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Forecast Chart

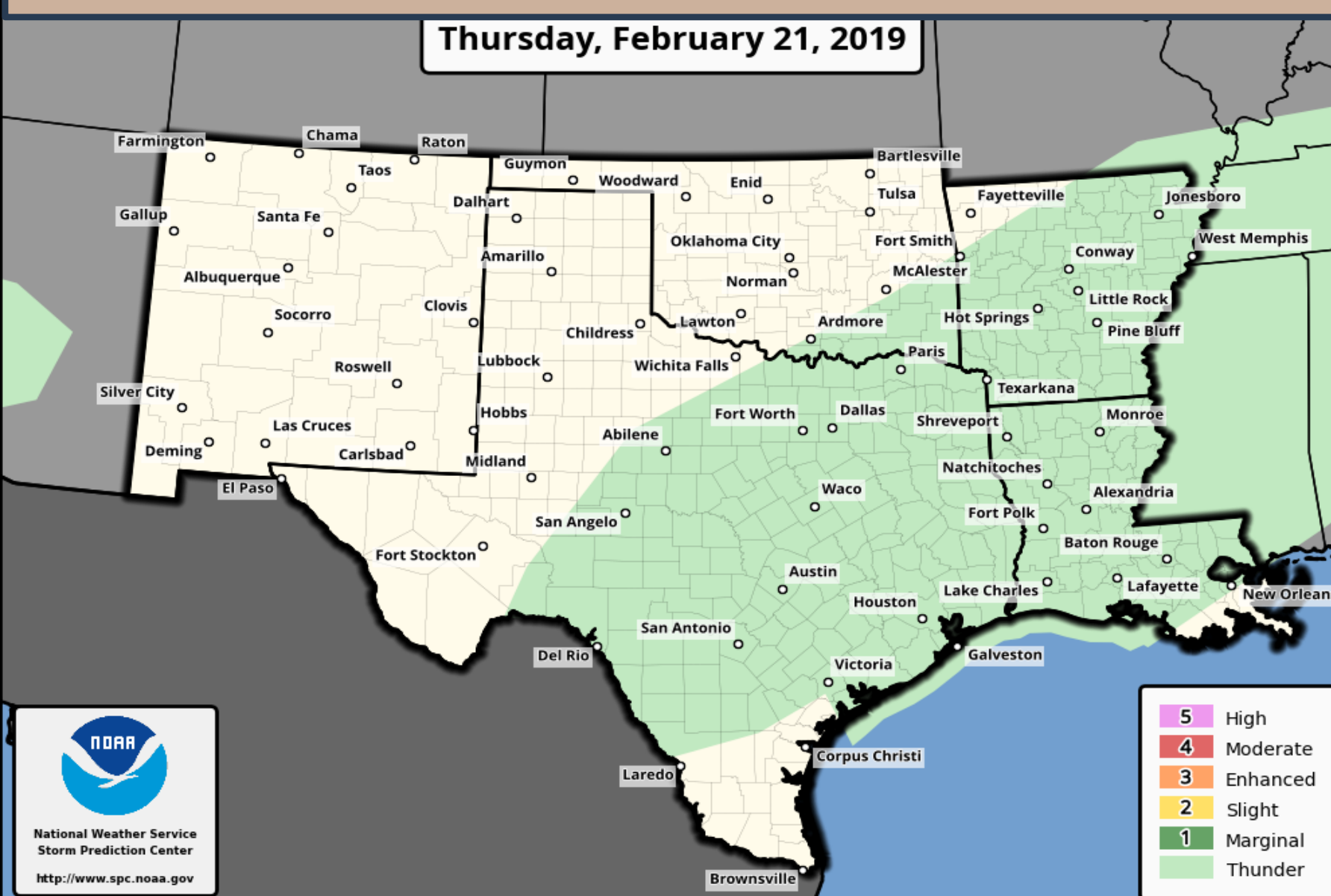
Forecast Rainfall

Heavy rain/flash flooding possible for southern and eastern AR into northern and central LA.



Severe Weather Outlook

Excessive Rainfall Outlook

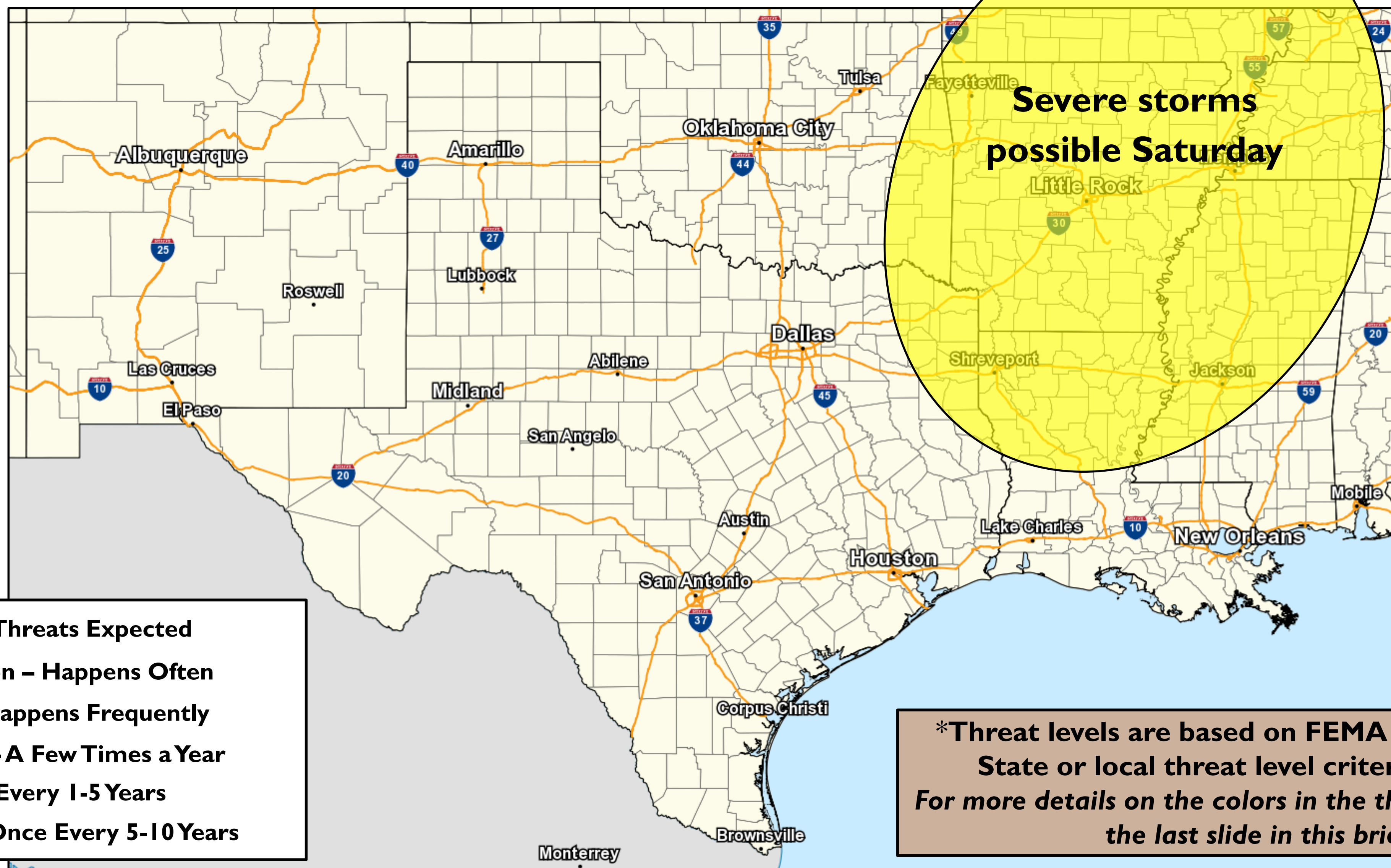


Days 4-5 Weather Hazards

Friday – Saturday



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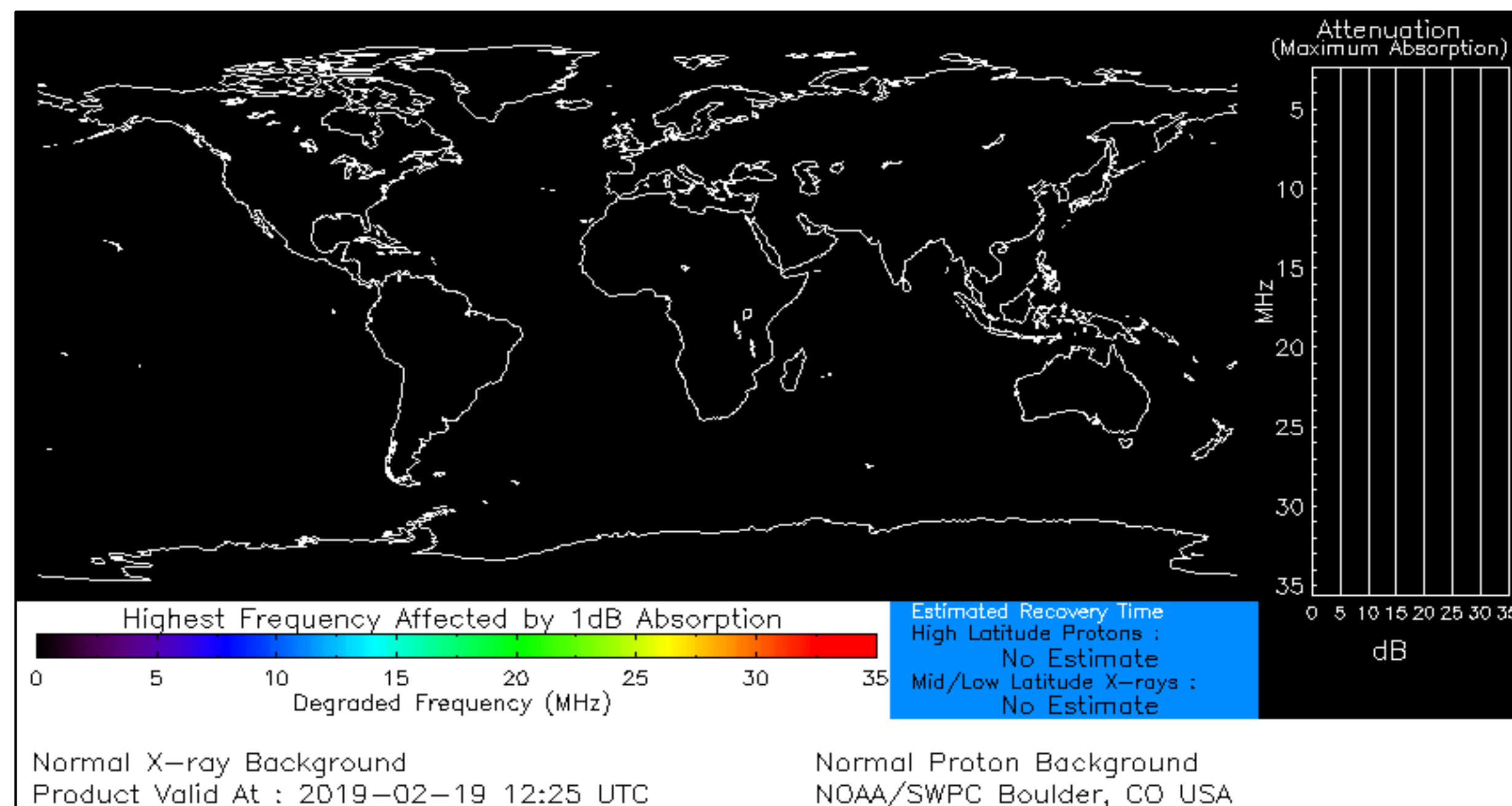
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Space Weather 3-Day Forecast



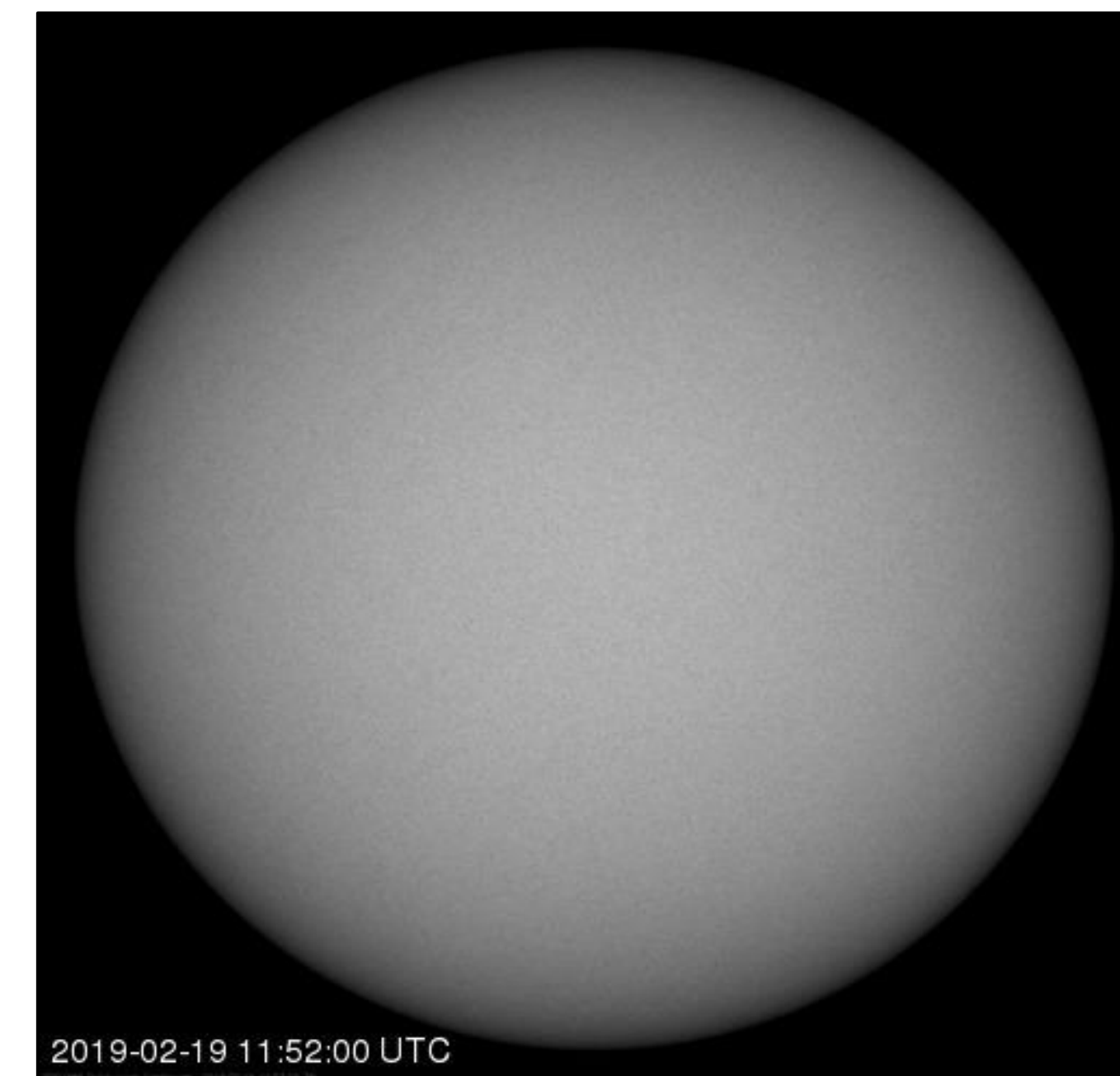
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





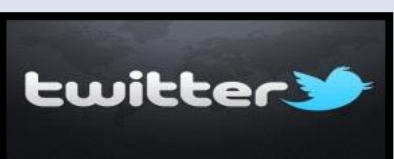
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov